ABSTRACT

To improve the task processing speed, when a large number of small-sized tasks are executed. When a task is completed, the

5   event check means checks whether or not an event of the same kind as that of the event which created the completed task is registered in the event storing unit. When it is not registered, the resources which have been used by the completed task and should be rewritten are returned from the task resource

10 management means to the task resource storing unit. When an event of the other kinds is registered in the event storing unit, the task creation and resource acquisition are repeated. When an event of the same kind is registered, the same task is continuously processed without release and re-acquisition of

15 resource.